

60,246-231; 9846

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Rousseau
Serial Number: tba
Filed: Herewith
Group Art Unit:
Examiner:
Title: "Variable Speed Drive Chiller System"
Attorney Docket Number: 60,246-231; 9846
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Dear Sir:

Prior to examination of this Reissue Application, please enter new reissue claims 18-25.

18. (New) A refrigeration system having:

a closed fluid circuit serially including a compressor, a discharge line, a condenser, an expansion device, a chiller and a suction line leading back to said compressor;
water passing through said chiller in a heat exchange relationship and being cooled;
said compressor being unloaded solely by regulating the speed of said compressor;
motor means for driving said compressor;
means for varying the speed of said motor means by controlling the frequency of electrical current supplied to said motor;
means for providing cooling to said means for varying the speed;
means for sensing the temperature of water leaving said chiller;